

Trying 01082...Open

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PLEASE ENTER HOST PORT ID:  
PLEASE ENTER HOST PORT ID:x  
LOGINID:d2701ws  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, 4, OR ?): 3
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FILE 'USPAT' ENTERED AT 13:46:08 ON 13 AUG 1999

Φ9/Φ12, 674

=> s (approximat? or interpolat?) (p) (illuminat?) (p) (sun or sunlight or skylight or (sky (w) light))

898025	APPROXIMAT?
25498	INTERPOLAT?
117930	ILLUMINAT?
39009	SUN
19712	SUNLIGHT
851	SKYLIGHT
5185	SKY
680669	LIGHT

L1 222 (APPROXIMAT? OR INTERPOLAT?) (P) (ILLUMINAT?) (P) (SUN OR S
UNL IGLHT OR SKYLIGHT OR (SKY (W) LIGHT))

=> s 11 and 345/clas

21282 345/CLAS
L2 5 L1 AND 345/CLAS

=> d 12 1-5 fd

US PAT NO: 5,572,635 [IMAGE AVAILABLE] L2: 1 of 5
DATE FILED: Jun. 3, 1992

US PAT NO: 5,380,204 [IMAGE AVAILABLE] L2: 2 of 5
DATE FILED: Jul. 29, 1993

US PAT NO: 4,907,075 [IMAGE AVAILABLE] L2: 3 of 5
DATE FILED: Jul. 28, 1987

US PAT NO: 4,586,038 [IMAGE AVAILABLE] L2: 4 of 5
DATE FILED: Dec. 12, 1983

US PAT. NO. 3,675,242 [IMAGE AVAILABLE] 12: 5 of 5

=> d 12 1-5 ccls in hit

US-CL-CURRENT: 345/426, 431; 382/167
INVENTOR: Yuri Takizawa, Machida, Japan
Shinichiro Miyaoka, Kawasaki, Japan
Makoto Kato, Yokohama, Japan
US-CL-CURRENT: 345/426, 431; 382/167

CLAIMS:

CLMS (1)

SUMMARY:

BSUM(2)

Alpha-numeric displays are well known in the art and many such types are presently in use. One such type of alpha-numeric display involves the use of a plurality of transparent or translucent lines in the figure of an "8", the appropriate lines of the figure "8" being illuminated in order to provide an indication of the selected alpha-numeric character. Prior art alpha-numeric light displays have required relatively high power light sources in order to provide a display of sufficiently high intensity to be discernible in direct **sunlight, approximately** 1,000 ft.-lamberts being required. Systems of this type present obvious problems in that the use of relatively high power per lamp generates large amounts of heat, causing relatively high filament temperature rise which greatly reduces lamp life and causes a problem of heat dissipation. Also, the power source itself and associated circuitry must be increased in size and capacity in order to accommodate such relatively high power requirement display systems.

=> file uspat epo jpo

FILE 'USPAT' ENTERED AT 13:52:38 ON 13 AUG 1999

* U. S. P A T E N T T E X T F I L E *
*
* THE WEEKLY PATENT TEXT AND IMAGE DATA IS CURRENT *
* THROUGH AUGUST 10, 1999 *
*
*

FILE 'EPO' ENTERED AT 13:52:38 ON 13 AUG 1999

FILE 'JPO' ENTERED AT 13:52:38 ON 13 AUG 1999

* G P I *
* J A P A N E S E P A T E N T A B S T R A C T S *
*
* THE FILE IS CURRENT THROUGH APRIL 31, 1999.

=> *s* (approximat? or interpolat?) (*p*) (illuminat?) (*p*) (sun or sunlight or skylight or (sky (*w*) light))

FILE 'USPAT'

898025 APPROXIMAT?
25498 INTERPOLAT?
117930 ILLUMINAT?
39009 SUN
19712 SUNLIGHT

851 SKYLIGHT
5185 SKY
680669 LIGHT
L3 222 (APPROXIMAT? OR INTERPOLAT?) (P) (ILLUMINAT?) (P) (SUN OR S
UNL
IGHT OR SKYLIGHT OR (SKY (W) LIGHT))

FILE 'EPO'
46212 APPROXIMAT?
3950 INTERPOLAT?
24455 ILLUMINAT?
6227 SUN
1482 SUNLIGHT
362 SKYLIGHT
330 SKY
137882 LIGHT
L4 7 (APPROXIMAT? OR INTERPOLAT?) (P) (ILLUMINAT?) (P) (SUN OR S
UNL
IGHT OR SKYLIGHT OR (SKY (W) LIGHT))

FILE 'JPO'
74925 APPROXIMAT?
10802 INTERPOLAT?
29891 ILLUMINAT?
7672 SUN
2666 SUNLIGHT
177 SKYLIGHT
842 SKY
395301 LIGHT
L5 3 (APPROXIMAT? OR INTERPOLAT?) (P) (ILLUMINAT?) (P) (SUN OR S
UNL
IGHT OR SKYLIGHT OR (SKY (W) LIGHT))

TOTAL FOR ALL FILES
L6 232 (APPROXIMAT? OR INTERPOLAT?) (P) (ILLUMINAT?) (P) (SUN OR S
UNL
IGHT OR SKYLIGHT OR (SKY (W) LIGHT))

=> d 14 1-7 pd; d 15 1-3 pd

EP000566238A2 L4: 1 of 7

DATE PUB: Oct. 20, 1993

US005158250A L4: 2 of 7

DATE PUB: Oct. 27, 1992

DE004204976A1 L4: 3 of 7

DATE PUB: Jul. 16, 1992

US004883340A L4: 4 of 7

DATE PUB: Nov. 28, 1989

US004773733A L4: 5 of 7

DATE PUB: Sep. 27, 1988

Trying 01083...Open

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PLEASE ENTER HOST PORT ID:  
PLEASE ENTER HOST PORT ID:x  
LOGINID:d2701ws  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, 4, OR ?): 3
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FILE 'USPAT' ENTERED AT 09:58:39 ON 13 AUG 1999

=> file uspat epo jpo; s animat? (p) (sunlight? or skylight?)

FILE 'USPAT' ENTERED AT 09:59:59 ON 13 AUG 1999

FILE 'EPO' ENTERED AT 09:59:59 ON 13 AUG 1999

FILE 'JPO' ENTERED AT 09:59:59 ON 13 AUG 1999

* G P I *
* J A P A N E S E P A T E N T A B S T R A C T S *
*
* THE FILE IS CURRENT THROUGH APRIL 31, 1999.

FILE 'USPAT'

5998 ANIMAT?
19731 SUNLIGHT?
1255 SKYLIGHT?
L1 9 ANIMAT? (P) (SUNLIGHT? OR SKYLIGHT?)

FILE 'EPO'

1246 ANIMAT?
1483 SUNLIGHT?
407 SKYLIGHT?
L2 1 ANIMAT? (P) (SUNLIGHT? OR SKYLIGHT?)

FILE 'JPO'

1879 ANIMAT?
2670 SUNLIGHT?
184 SKYLIGHT?
L3 0 ANIMAT? (P) (SUNLIGHT? OR SKYLIGHT?)

TOTAL FOR ALL FILES

L4 10 ANIMAT? (P) (SUNLIGHT? OR SKYLIGHT?)

=> d 11 1-9 fd

US PAT NO:	5,930,501 [IMAGE AVAILABLE]	L1: 1 of 9
DATE FILED:	Sep. 19, 1997	
US PAT NO:	5,616,031 [IMAGE AVAILABLE]	L1: 2 of 9
DATE FILED:	May 15, 1995	
US PAT NO:	5,415,549 [IMAGE AVAILABLE]	L1: 3 of 9
DATE FILED:	Mar. 21, 1991	
US PAT NO:	5,353,074 [IMAGE AVAILABLE]	L1: 4 of 9
DATE FILED:	May 22, 1992	
US PAT NO:	5,302,965 [IMAGE AVAILABLE]	L1: 5 of 9
DATE FILED:	Oct. 15, 1991	
US PAT NO:	5,200,308 [IMAGE AVAILABLE]	L1: 6 of 9
DATE FILED:	Dec. 31, 1990	
US PAT NO:	4,766,684 [IMAGE AVAILABLE]	L1: 7 of 9
DATE FILED:	Apr. 10, 1987	
US PAT NO:	3,883,969 [IMAGE AVAILABLE]	L1: 8 of 9
DATE FILED:	Jun. 28, 1972	
US PAT NO:	3,738,309 [IMAGE AVAILABLE]	L1: 9 of 9
DATE FILED:	Jun. 1, 1971	

=> d 11 1-9 ccls in hit; d 12 in ab

US PAT NO:	5,930,501 [IMAGE AVAILABLE]	L1: 1 of 9
US-CL-CURRENT:	345/334	
INVENTOR:	John M. Neil, 330 Townsend St. Suite 237, San Francisco, CA 94107	

SUMMARY:

BSUM(13)

Animated clocks include: "XEarth", which draws an **animated** picture of the rotating Earth on the video display; "Seize the Day", which **animates** a single static image to reflect the time of day; as well as "World Watch", which is a typical world clock depicted as a pattern of **sunlight** moving across a map of the earth. These **animated** clocks provide the user with a general indication of the time of day but require the computer to produce **animated** images on the fly. Since **animation** requires the computer to generate the displayed images, the images are necessarily relatively crude, and, consequently, the displayed images are typically neither aesthetic nor particularly realistic.

US PAT NO:	5,616,031 [IMAGE AVAILABLE]	L1: 2 of 9
US-CL-CURRENT:	434/38; 345/139, 426; 434/33, 307R	
INVENTOR:	G. Edward Logg, Los Altos, CA	